



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Herbert Brunner et al. Art Unit : 2826  
Serial No. : 10/747,703 Examiner : Alexander Williams  
Filed : December 29, 2003  
Title : SURFACE-MOUNTABLE RADIATION-EMITTING COMPONENT AND  
METHOD OF PRODUCING SUCH A COMPONENT

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Please see attached Revocation and New Power of Attorney which was duly executed by  
Osram GmbH on July 15, 2005.

Please apply any additional charges or credits to our Deposit Account No. 06-1050,  
referencing Attorney Docket No. 12406-035US3.

Respectfully submitted,

Date:

10/3/05

Marc M. Wefers  
Reg. No. 56,842

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being  
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sufficient postage on the date indicated below and is addressed to the  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

10-3-05

Date of Deposit

Signature

Cheryl A. Caron

CHERYL A. CARON

Typed or Printed Name of Person Signing Certificate



Attorney Docket No. 12406-120001  
P2001,0463 US N

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Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b), OSRAM GMBH, a German corporation with headquarters located at Hellabrunner Strasse 1, 81536, Munich, Germany, certifies that it is the assignee of 100% of the right, title and interest in the above-reference patent application. The chain of title from the inventors to OSRAM GMBH is as follows: 1) an assignment from the inventors to OSRAM OPTO SEMICONDUCTORS GMBH (attached as Appendix 1); and 2) a confirmatory assignment from OSRAM OPTO SEMICONDUCTORS GMBH to OSRAM GMBH (attached as Appendix 2).

The undersigned has reviewed all the documents in the chain of title of the above-referenced patent application, and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney



Attorney Docket No. 12406-120001  
P2001,0463 US N

previously granted in the application and appoints:

ALAN D. SMITH  
Registration No. 32,005

DAVID L. FEIGENBAUM  
Registration No. 30,378

TIMOTHY A. FRENCH  
Registration No. 30,175

JOHN F. HAYDEN  
Registration No. 37,640

FRANK R. OCCHIUTI  
Registration No. 35,306

CHRIS C. BOWLEY  
Registration No. 55,016

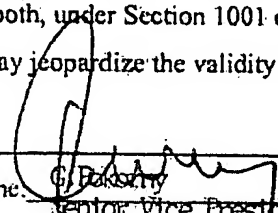
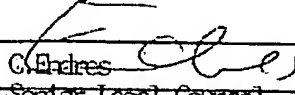
MARC M. WEFERS  
Registration No. 56,842

with full power of substitution and revocation; to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should be sent to:

**PTO Customer Number: 26161**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Signature: 	
Typed name: G. Bokor	C. Endres
Title: Senior Vice President	Senior Legal Counsel
(CC)	(CC)
Date:	July 15, 2005
Assignee: OSRAM GmbH	

MZW/czc

Fish & Richardson P.C.  
225 Franklin Street  
Boston, MA 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

## ASSIGNMENT

WHEREAS WE, HERBERT BRUNNER, KLAUS HÖHN, HARALD JÄGER, and JOSEF SCHMID, residing respectively at REGENSBURG, FORCHHEIM, REGENSBURG, and REGENSBURG, Germany, have invented certain new and useful improvements in a

### SURFACE-MOUNTABLE RADIATION-EMITTING COMPONENT AND METHOD OF PRODUCING SUCH A COMPONENT

described and claimed in Application for Letters Patent of the United States of America No. 10/747,703, filed on December 29, 2003;

WHEREAS, OSRAM OPTO SEMICONDUCTORS GMBH, a German limited liability company doing business at Regensburg, Germany, is desirous of acquiring the entire interest in said invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that for and in consideration of our employment by the said limited liability company and other valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said limited liability company, its legal representatives, successors and assigns, the full and exclusive right to the said invention as fully set forth and described in the above-mentioned application, and to said application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of said Letters Patent, the same to be held and enjoyed by the said limited liability company, its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND WE hereby authorize the Commissioner for Patents to issue any and all Letters Patent of the United States on said invention or resulting from said Application and from any and all divisions and continuations thereof to the said limited liability company as the assignee of the entire right, title and interest in and to the same.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

E. Spitz  
Witness

Herbert Brunner (LS)  
HERBERT BRUNNER

6th of September, 2003  
Date

Joel  
Witness

\_\_\_\_\_  
KLAUS HÖHN (LS)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

\_\_\_\_\_  
HARALD JÄGER (LS)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

\_\_\_\_\_  
JOSEF SCHMID (LS)

\_\_\_\_\_  
Date

Docket No.: P2001,0463

## ASSIGNMENT

WHEREAS WE, HERBERT BRUNNER, KLAUS HÖHN, HARALD JÄGER, and JOSEF SCHMID, residing respectively at REGENSBURG, FORCHHEIM, REGENSBURG, and REGENSBURG, Germany, have invented certain new and useful improvements in a

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NOW, THEREFORE, be it known that for and in consideration of our employment by the said limited liability company and other valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said limited liability company, its legal representatives, successors and assigns, the full and exclusive right to the said invention as fully set forth and described in the above-mentioned application, and to said application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of said Letters Patent, the same to be held and enjoyed by the said limited liability company, its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND WE hereby authorize the Commissioner for Patents to issue any and all Letters Patent of the United States on said invention or resulting from said Application and from any and all divisions and continuations thereof to the said limited liability company as the assignee of the entire right, title and interest in and to the same.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

Witness

*Sabrina Buckle*  
Sabrina Buckle

Witness

*Anja Frank*  
Anja Frank

HERBERT BRUNNER

(LS)

Date

*Klaus Höhn*  
KLAUS HÖHN

(LS)

*2. September 2004*  
Date

Witness

HARALD JÄGER

(LS)

Date

Witness

JOSEF SCHMID

(LS)

Date

## ASSIGNMENT

WHEREAS WE, HERBERT BRUNNER, KLAUS HÖHN, HARALD JÄGER, and JOSEF SCHMID, residing respectively at REGENSBURG, FORCHHEIM, REGENSBURG, and REGENSBURG, Germany, have invented certain new and useful improvements in a

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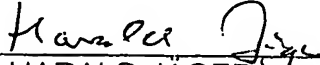
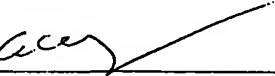
described and claimed in Application for Letters Patent of the United States of America No. 10/747,703, filed on December 29, 2003;

WHEREAS, OSRAM OPTO SEMICONDUCTORS GMBH, a German limited liability company doing business at Regensburg, Germany, is desirous of acquiring the entire interest in said invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that for and in consideration of our employment by the said limited liability company and other valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said limited liability company, its legal representatives, successors and assigns, the full and exclusive right to the said invention as fully set forth and described in the above-mentioned application, and to said application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of said Letters Patent, the same to be held and enjoyed by the said limited liability company, its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND WE hereby authorize the Commissioner for Patents to issue any and all Letters Patent of the United States on said invention or resulting from said Application and from any and all divisions and continuations thereof to the said limited liability company as the assignee of the entire right, title and interest in and to the same.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

_____ Witness	_____ HERBERT BRUNNER	(LS)	_____ Date
_____ Witness	_____ KLAUS HÖHN	(LS)	_____ Date
 _____ Witness	 _____ HARALD JÄGER	(LS)	<u>September 23rd,</u> Date <u>2004</u>
 _____ Witness	_____ JOSEF SCHMID	(LS)	_____ Date

## ASSIGNMENT

WHEREAS WE, HERBERT BRUNNER, KLAUS HÖHN, HARALD JÄGER, and JOSEF SCHMID, residing respectively at REGENSBURG, FORCHHEIM, REGENSBURG, and REGENSBURG, Germany, have invented certain new and useful improvements in a

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described and claimed in Application for Letters Patent of the United States of America No. 10/747,703, filed on December 29, 2003;

WHEREAS, OSRAM OPTO SEMICONDUCTORS GMBH, a German limited liability company doing business at Regensburg, Germany, is desirous of acquiring the entire interest in said invention, and in any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that for and in consideration of our employment by the said limited liability company and other valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said limited liability company, its legal representatives, successors and assigns, the full and exclusive right to the said invention as fully set forth and described in the above-mentioned application, and to said application and any and all divisions and continuations thereof, and any and all Letters Patent of the United States which may be granted therefor, and any and all reissues of said Letters Patent, the same to be held and enjoyed by the said limited liability company, its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

AND WE hereby authorize the Commissioner for Patents to issue any and all Letters Patent of the United States on said invention or resulting from said Application and from any and all divisions and continuations thereof to the said limited liability company as the assignee of the entire right, title and interest in and to the same.

IN TESTIMONY WHEREOF, we have hereunto set our hands and seals.

_____ Witness	_____ HERBERT BRUNNER	(LS)	_____ Date
_____ Witness	_____ KLAUS HÖHN	(LS)	_____ Date
_____ Witness	_____ HARALD JÄGER	(LS)	_____ Date
<u>54 9</u> _____ Witness <u>J. Schmid</u>	<u>Josef Schmid</u> _____ JOSEF SCHMID	(LS)	<u>31 August 2004</u> _____ Date

**CONFIRMATORY ASSIGNMENT**

The Effective Date of this Assignment is September 30, 2003.

WHEREAS, Osram Opto Semiconductors GmbH, a German corporation with headquarters located at Wernerwerkstrasse 2, 93049 Regensburg, Germany (hereinafter "ASSIGNOR"), was the owner of the entire right, title, and interest in U.S. patent application serial no. 10/747,703 filed December 29, 2003, and entitled "Surface-mountable radiation-emitting component and method of producing such a component" (hereinafter "the application");

WHEREAS, OSRAM GmbH, a German corporation with headquarters located at Hellabrunner Strasse 1, 81536, Munich, Germany, (hereinafter "ASSIGNEE"), was desirous of acquiring the entire right, title and interest in and to the PATENT APPLICATION, including any and all Letters Patent of the United States that may be obtained therefor;

NOW, THEREFORE, be it known that, pursuant to the terms of a contract entered into between ASSIGNOR and ASSIGNEE on September 30, 2003, for good and valuable consideration recited therein and paid by ASSIGNEE to ASSIGNOR, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents does hereby confirm that, as of the Effective date, ASSIGNOR did sell, assign and transfer unto ASSIGNEE, its legal representatives, successors and assigns, its entire right, title and interest in and to the PATENT APPLICATION, the same interest to be held by ASSIGNEE, its legal representatives, successors and assigns, to the full end of the term for which Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.



Furthermore, pursuant to the agreed-upon intent of the September 30, 2003 contract, ASSIGNOR explicitly confirms that this Confirmatory Assignment extends to any continuation, division, renewal, substitute, re-examination, or reissue of the application, and that ASSIGNOR'S entire right, title and interest in any such continuation, division, renewal, substitute, re-examination, or reissue of the application is to be held by ASSIGNEE, its legal representatives, successors and assigns, to the full end of the term for which Letters Patent may be granted or may be reissued or extended, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

AND, ASSIGNOR hereby confirms its agreement that the change in ownership may be recorded in the official records of the United States Patent and Trademark Office.

The undersigned is authorized to act on behalf of ASSIGNOR.

This document contains 2 pages.

Osram Opto Semiconductors GmbH

2. Wittgen

By: CTO

Title:

C. Regitz

COO

August 11, 2005

Date

Witness Name: C. Geller

Witness Signature: Ch. Geller

Witness Name: J. Thiele

Witness Signature: J. Thiele

Accepted for OSRAM GmbH

T. Dauner

Title: (senior  
director  
- GC IP)

K. Hornung

(senior legal  
counsel - GC)

Date

August 25, 2005